

A. Permit Certificate

**MUNICIPAL  
WASTEWATER-LAND APPLICATION PERMIT  
LA-000116-02  
Idaho Power, Inc.**

Idaho Power, Inc., P.O. Box 139, Oxbow, Oregon 97840 (Land application site is located at 4470 Highway 71, Cambridge, Idaho 83610 and in Township 17 North, Range 5 West, Sections 14, 15, and 22) IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER-LAND APPLICATION TREATMENT SYSTEM IN ACCORDANCE WITH THE WASTEWATER-LAND APPLICATION RULES (IDAPA 58.01.17), THE WATER QUALITY STANDARDS AND WASTEWATER TREATMENT REQUIREMENTS (IDAPA 58.01.02), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT APPENDICES AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON March 18, 2008.

  
\_\_\_\_\_  
**Katherine B. Kelly, Administrator**  
**Boise Regional Office**

Date: March 19, 2003

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
1445 N. Orchard, Boise, Idaho 83706-2239  
(208) 373-0550**

**POSTING ON SITE RECOMMENDED**

## B. Permit Contents, Appendices, and Reference Documents

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### References

1. Plan of Operation (Operation and Maintenance Manual)

The Sections, Appendices, and Attachments listed on this page are all elements of Wastewater-Land Application Permit LA-000116-02 and are enforceable as such. This permit does not relieve Idaho Power, Inc., hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

## C. Abbreviations, Definitions

|                        |  |
|------------------------|--|
| Ac-in                  | Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.  |
| BMP or BMPs            | Best Management Practices  |
| COD                    | Chemical Oxygen Demand   |
| DEQ or the Department  | Idaho Department of Environmental Quality  |
| Director               | Director of the Idaho Department of Environmental Quality, or the Director's Designee, i.e. Regional Administrator   |
| DTPA                   | Diethylenetriaminepentaacetate – a chelating agent that forms stable complexes with a variety of metal ions  |
| ET                     | Evapotranspiration – Loss of water from the soil and vegetation by evaporation and plant uptake (transpiration)  |
| GS                     | Growing Season – typically April 1 through October 31 (214 days)   |
| GW                     | Ground Water   |
| GWQR                   | IDAPA 58.01.11, <i>Ground Water Quality Rule</i>   |
| Handbook or Guidelines | <i>Handbook for Land Application of Municipal and Industrial Wastewater</i> , DEQ, April 1996.   |
| HLR <sub>gs</sub>      | Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR <sub>gs</sub> limit is specified in Section F. <i>Permit Limits and Conditions</i> .   |
| HLR <sub>ngs</sub>     | Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLR <sub>ngs</sub> limit is specified in Section F. <i>Permit Limits and Conditions</i> .   |
| HMU                    | Hydraulic Management Unit (Serial Number designation is MU)  |
| IWR                    | <p>Irrigation Water Requirement - Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the water requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website:<br/> <a href="http://www.kimberly.uidaho.edu/water/appndxet/index.shtml">http://www.kimberly.uidaho.edu/water/appndxet/index.shtml</a>. The equation used to calculate the IWR at this website is:</p> $IWR = (CU - P_e) / E_i \quad \text{where:}$ <p>CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration;<br/> P<sub>e</sub> is the effective precipitation. CU minus P<sub>e</sub> is synonymous with the net irrigation requirement (IR); and<br/> E<sub>i</sub> is the irrigation system efficiency. To obtain the irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.</p> |
| IDAPA                  | Idaho Administrative Procedures Act.   |
| LG                     | Lagoon   |
| lb/ac-day              | Pounds (of constituent) per acre per day   |
| lb/ac-year             | Pounds (of constituent) per acre per year  |
| MG                     | Million Gallons (1 MG is equal to 36.827 acre-inches)  |
| MGA                    | Million Gallons Annually (per WLAP Reporting Year)   |
| NGS                    | Non-Growing Season – typically November 1 through March 31 (151 days)  |

## C. Abbreviations, Definitions

|                     |   |
|---------------------|---|
| NVDS                | Non-Volatile Dissolved Solids (equal to Total Dissolved Solids minus Volatile Dissolved Solids)   |
| O&M Manual          | Operation and Maintenance Manual, also referred to as the Plan of Operation   |
| SAR                 | Sodium Absorption Ratio   |
| SI                  | Supplemental Irrigation water applied to the land application treatment site.   |
| Soil AWC            | Soil Available Water Holding Capacity – the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)  |
| SMU                 | Soil Monitoring Unit (Serial Number designation is SU)  |
| SW                  | Surface Water   |
| TDS                 | Total Dissolved Solids or Total Filterable Residue  |
| TDIS                | Total Dissolved Inorganic Solids - the summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, silica, and fluoride shall be included if present in significant quantities (i.e. greater than 5 mg/L each).   |
| TMDL                | Total Maximum Daily Load - the sum of the individual waste-load allocations (WLA's) for point sources, load allocations (LA's) for non-point sources, and natural background levels entering a surface water body. The TMDL is or shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. See IDAPA 58.01.02 <i>Water Quality Standards and Wastewater Treatment Requirements</i> |
| Typical Crop Uptake | Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used  |
| USGS                | United States Geological Survey   |
| WLAP                | Wastewater Land Application Permit (or Program)   |
| WLAP Reporting Year | The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 1 through October 31. For example, the 2000 Reporting Year was November 1, 1999 through October 31, 2000   |
| WW                  | Wastewater applied to the land application treatment site   |

## D. Facility Information

|   |  |
|---|--|
| <b>Legal Name of Permittee</b>          | Idaho Power, Inc.  |
| <b>Type of Wastewater</b>               | Municipal Wastewater   |
| <b>Method of Treatment</b>              | Aerated and facultative lagoons, chlorine disinfection (as needed), and slow rate land treatment |
| <b>Type of Facility</b>                 | Public   |
| <b>Facility Location</b>                | 4470 Highway 71, Cambridge, Idaho 83610  |
| <b>Legal Location</b>                   | Township 17N, Range 4W, Sections 14, 15, and 22  |
| <b>County</b>                           | Washington   |
| <b>USGS Quad</b>                        | Brownlee Dam   |
| <b>Soils on Site</b>                    | Silt loam, clay loam, fine sandy loam, loamy fine sand   |
| <b>Depth to Ground Water</b>            | 152 feet to seasonal high ground water   |
| <b>Beneficial Uses of Ground Water</b>  | Domestic, irrigation   |
| <b>Nearest Surface Water</b>            | Brownlee Reservoir   |
| <b>Beneficial Uses of Surface Water</b> | Recreation, aquatic life, irrigation   |
| <b>Responsible Official</b>             | Ralph Graham   |
| <b>Mailing Address</b>                  | P. O. Box 139<br>Oxbow, Oregon 97840   |
| <b>Phone / Fax</b>                      | (541) 785-3323 / 3350  |

## E. Compliance Schedule for Required Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by the Department in writing.

| <b>Compliance<br/>Activity Number<br/>Completion Date</b> | <b>Compliance Activity Description</b>  |
|---|---|
| CA-116-01<br>4.5 years after permit<br>issuance           | Perform seepage rate tests on all lagoons per latest DEQ procedures and submit a report to DEQ summarizing the results.   |
| CA-116-02<br>90 days after permit<br>issuance             | Submit an O&M manual to DEQ for review and comment. The manual shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include sampling and monitoring requirements to ensure proper operation of the wastewater treatment facility. Upon approval, the manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit. |

## F. Permit Limits and Conditions

- 1) The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

| Category  | Permitted Limits and Conditions  |
|---|--|
| <b>Type of Wastewater</b>   | Municipal Wastewater   |
| <b>Application Site Area</b>  | 3.0 acres  |
| <b>Application Period</b>   | Growing Season only, April 1 through October 31  |
| <b>Maximum Hydraulic Loading Rate, growing season, HLR<sub>gs</sub></b><br>(includes wastewater and supplemental irrigation water, if used) | <p>HLR<sub>gs</sub> shall be no greater than the irrigation water requirement (IWR) using data from the tables of the following University of Idaho web site: <a href="http://www.kimberly.uidaho.edu/water/appndxet/index.shtml">http://www.kimberly.uidaho.edu/water/appndxet/index.shtml</a>.</p> <p>IWR is equal to the mean IR data from these tables divided by the irrigation system efficiency.</p> <p>In lieu of these tables, current climatic and evaporation data, or 30-year average data may be used to calculate the IWR, as defined in the 1994 Technical Interpretive Supplement, pages IV-6 and IV-7. Assume no carryover soil moisture and a leaching rate of zero in calculating the IWR. Application shall generally follow consumptive use rates for the crop throughout the season.</p> |
| <b>No Runoff</b>  | No runoff is allowed from any site or fields used for wastewater land application except after a 25-year, 24-hour storm event or greater using Western Regional Climate Center (WRCC) Precipitation Frequency Map, Figure 28 "Isopluvials of 25-YR, 24-HR Precipitation". For this site, the 25-year, 24-hour event is 2.4 inches.   |
| <b>Ground Water Quality</b>   | Ground Water Quality shall be in compliance with <i>Idaho Ground Water Quality Rule</i> IDAPA 58.01.11   |
| <b>Maximum COD Loading Rate,</b><br><b>Lbs/ac-day, each HMU</b>   | 50 lbs/ac-day (seasonal average for growing season)  |
| <b>Maximum Nitrogen Loading Rate,</b><br><b>Lbs/ac-year, each HMU</b><br>(from all sources including supplemental fertilizers)              | 150% of typical crop uptake, or UI Fertility Guide   |
| <b>Maximum Nitrogen Loading Rate,</b><br><b>Lbs/ac-year, each HMU</b><br>(from all sources including supplemental fertilizers)              | None, DEQ reserves the right to re-open this permit for inclusion of phosphorus limits.  |
| <b>Grazing</b>  | <p>Grazing is allowed only in conformance with a DEQ-approved grazing management plan. The grazing plan shall follow the guidance located on the DEQ internet site at:</p> <p><a href="http://www.deq.state.id.us/water/wastewater/guidance_wlap.htm">http://www.deq.state.id.us/water/wastewater/guidance_wlap.htm</a></p>  |

## F. Permit Limits and Conditions

| Category  | Permitted Limits and Conditions  |
|---|--|
| <b>Allowable crops</b>                          | Crops grown for human consumption are not allowed  |
| <b>Posting</b>                                  | Signs shall be posted every 500 feet designating the fields as wastewater reuse areas or equivalent                            |
| <b>Supplemental Irrigation Water Protection</b> | For systems with wastewater and fresh irrigation water interconnections, DEQ-approved backflow prevention devices are required |

| Buffer Zone Distances (based on sprinkler irrigation) | Disinfection Level <sup>1</sup> (total coliform) | Distance to Public Access | Distance to Inhabited Dwellings <sup>2</sup> | Distance to streams | Distance to private water sources | Distance to public water sources | Single Sample maximum total coliform level |
|---|--|---------------------------|--|---------------------|-----------------------------------|----------------------------------|--|
|   | 2.2 /100 ml                                      | 0 feet                    | 100 feet                                     | 100 feet            | 500 feet                          | 1,000 feet                       | 23/100 ml                                  |
|   | 23/100 ml  | 50 feet                   | 300 feet                                     | 100 feet            | 500 feet                          | 1,000 feet                       | 240/100ml                                  |
|   | 230/100ml  | 300 feet                  | 1,000 feet                                   | 100 feet            | 500 feet                          | 1,000 feet                       | 2400/100ml                                 |

1. Compliance determination method for disinfection requirements is as follows:

- For determining compliance with the 2.2 / 100 ml disinfection level, the median value of the last five (5) results must not exceed 2.2 / 100 ml. In addition, no single sample value shall exceed 23 / 100 ml.
- For determining compliance with the 23 / 100 ml disinfection level, the median value of the last five (5) results must not exceed 23 / 100 ml. In addition, no single sample value shall exceed 240 / 100 ml.
- For determining compliance with the 230 / 100 ml disinfection level, the median value of the last three (3) results must not exceed 230 / 100 ml. In addition, no single sample value shall exceed 2400 / 100 ml.

2. An inhabited dwelling includes designated campsites and areas where Park visitor access is allowed.



## G. Monitoring Requirements

- 1) Appropriate analytical methods, as given in the *Handbook for Land Application of Municipal and Industrial Wastewater, April 1996*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the Operation and Maintenance Manual.
- 2) The permittee shall monitor and measure parameters and submit information as stated in the Facility Monitoring Table in this section.
- 3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
- 4) Monitoring locations are described in Appendix 1, Environmental Monitoring Serial Numbers.
- 5) Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown.
- 6) If the soil management unit is less than 15 acres, use 5 sub-samples. If the soil management unit is greater than 15 acres, use 10 sub-samples.
- 7) Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at 0-12 inches from each sample location shall be composited. Similarly, all soil samples collected at 12-24 inches shall be composited and all soil samples collected at 24-36 inches shall be composited. This method will yield three samples for analysis, one for 0-12 inches, one for 12-24 inches and one for 24-36 inches for each soil management unit.

**Facility Monitoring Table**

| Frequency  | Monitoring Point                                  | Description and Type of Monitoring              | Parameters  |
|--|---|---|---|
| Daily  | Discharge Point of Wastewater to Land Application | Volume of Wastewater land applied               | Gallons/Month and acre-inches/month applied to each Hydraulic Management Unit     |
| Daily  | Flow Meter or Calibrated Pump Rate                | Volume of Supplemental Irrigation Water applied | Gallons/Month and acre-inches/month applied to each Hydraulic Management Unit     |
| Monthly<br>See footnotes 1 and 2.  | Discharge Point of Wastewater to Land Application | Grab sample                                     | Total Kjeldahl nitrogen, nitrate+nitrite-nitrogen, TDS, pH, COD, total phosphorus |
| During Application Season only. For total coliform, monitoring frequency depends on level of treatment:<br>1. 2.2 / 100 ml. - Twice Weekly<br>2. 23 / 100 ml. - Weekly<br>3. 230 / 100 ml. - Twice Monthly | Discharge Point of Wastewater to Land Application | Grab sample                                     | Total Coliform  |
| Annually   | Hydraulic management unit                         | Acres used for land application                 | Acres   |

## G. Monitoring Requirements

| Frequency   | Monitoring Point               | Description and Type of Monitoring   | Parameters  |
|---|--------------------------------|--|---|
| Annually  | Hydraulic management unit      | COD loading calculation  | COD applied in lbs/ac-day (growing season average)  |
| Annually  | Hydraulic management unit      | Total nitrogen and phosphorus load from fertilizer or all other non-wastewater application     | Nitrogen and phosphorus applied in lbs/acre-year  |
| Annually  | Hydraulic management unit      | Total nitrogen and phosphorus loading calculation from wastewater                              | Nitrogen and phosphorus applied in lbs/ac-year  |
| Annually  | Hydraulic management unit      | Crop Yield Calculation and Crop Type   | tons/acre, lbs/acre, or bushels/acre  |
| Annually, end of growing season<br>See Footnote 3 | Soil Monitoring unit           | Composite soil sample  | Electrical Conductivity, nitrate-N, ammonium-N, plant available phosphorous, pH<br><br>Note: use Olsen method for soils with pH 6.5 or greater, use Bray method if soil pH is less than 6.5 |
| First year of permit only                         | Soil Monitoring unit           | Composite soil sample  | SAR, DTPA-Iron, DTPA-Manganese  |
| Annually  | Hydraulic management unit      | Crop Nutrient Uptake from Crop Tissue Analysis or from standard tables for Crop Type and yield | Nitrogen and phosphorus uptake in lbs/ac-year   |
| Annually  | Hydraulic management unit      | Irrigation Water Requirement for Crop Grown  | Volume (inches/acre and total gallons) for each month for GS  |
| Annually  | All flow measurement locations | Flow measurement calibration of all flows to land application                                  | Document the flow measurement calibration of all flow meters and pumps used directly or indirectly measure all wastewater and supplemental irrigation water flows applied to the site       |

## G. Monitoring Requirements

| Frequency | Monitoring Point  | Description and Type of Monitoring | Parameters   |
|-----------|---|------------------------------------|--|
| Annually  | All supplemental irrigation pumps directly connected to the wastewater distribution system. | Backflow testing                   | Document the testing of all backflow prevention devices. Report the testing date(s) and results of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly |

1. If the nitrogen loading for the reporting year is 75% or less than the nitrogen permit limit, the permittee may reduce wastewater monitoring to twice per year in July and September for the following reporting year and beyond if the loading rates continues below 75%.
2. If the growing season COD loading rate is 5 lbs/ac-day or less, the permittee may eliminate COD sampling analysis and reporting requirements specified in this table.
3. For annual soil samples, use a minimum of 2 soil sampling locations in each area used for land application during the year.

## H. Standard Reporting Requirements

1. The permittee shall submit an Annual Wastewater-Land Application Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year which shall cover the previous year from January 1 through December 31. The Annual Report shall include results for monitoring required in Section G, status of compliance activities, and an interpretive discussion of monitoring data (ground water, vadose zone, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.
2. The annual report shall contain the results of the required monitoring as described in Section G. Monitoring Requirements. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.
3. The annual report shall be submitted to the Engineering Manager in the applicable Regional DEQ Office.

Boise Regional Office  
1445 N. Orchard  
Boise, ID 83706-2239  
208-373-550

Coeur d'Alene Regional Office  
2110 Ironwood Parkway  
Coeur d'Alene, ID 83814  
208-769-1422

Idaho Falls Regional Office  
900 N. Skyline, Suite B  
Idaho Falls, ID 83402  
208-528-2650

Lewiston Regional Office  
1118 "F" Street  
Lewiston, ID 83501  
208-799-4370

Pocatello Regional Office  
444 Hospital Way, #300  
Pocatello, ID 83201  
208-236-6160

Twin Falls Regional Office  
601 Pole Line Road, Suite 2  
Twin Falls, ID 83301  
208-736-2190

A copy of the annual report shall also be mailed to:

Richard Huddleston, P.E.  
Wastewater Program Manager  
1410 N. Hilton  
Boise, ID 83706  
208-373-0561

4. Notice of completion of any work described in Section E. *Compliance Schedule for Required Activities* shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.
5. All laboratory reports containing the sample results for monitoring required by Section G. *Monitoring Requirements* of this permit shall be submitted with the Annual Report.

## I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater-Land Application Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.
2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.
3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
  - a. Apply wastewater as evenly as practicable to the treatment area;
  - b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
  - c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.
4. The permittee shall:
  - a. Manage the wastewater land application treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
  - b. Not hydraulically overload any particular areas of the wastewater land application treatment site.
5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.
6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Waste Water Land Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.
7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
  - a. Enter the permitted facility,
  - b. Inspect any records that must be kept under the conditions of the permit.
  - c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
  - d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.
8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
  - a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
  - b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
  - c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certification Page  
Emergency 24 Hour Number 1-800-632-8000

|              |                   |                |         |
|--------------|-------------------|----------------|---------|
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## I. Standard Permit Conditions: Procedures and Reporting

- d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
    - i. a description of the non-compliance and its cause;
    - ii. the period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
    - iii. steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
  - e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.
9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.
10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

## J. Standard Permit Conditions: Modifications, Violations, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.
2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.
3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in section H. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.
4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.
5. Any person violating any provision of the Waste Water Land Application Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars (\$10,000) or one thousand dollars (\$1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.
6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Land Application Permit Regulations.
7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of the Department of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.
8. If, pursuant to Title 67, Chapter 52, Idaho Code, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of the Department of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.
9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.
10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted land application facility from service, including any treatment, storage, or other facilities or equipment associated with the land application site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1  
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

| Serial Number | Description                            | Acres |
|---------------|--|-------|
| MU-011601     | Land application areas, see Appendix 2 | 3.0   |

WASTEWATER SAMPLING POINTS

| Serial Number | Description                                 |
|---------------|---|
| WW-011601     | Grab sample of effluent to land application |

SOIL MONITORING UNITS

| Serial Number | Description            | Associated MU |
|---------------|------------------------|---------------|
| SU-011601     | Land application areas | MU-011601     |

LAGOONS

| Serial Number | Description                |
|---------------|----------------------------|
| LG-011601     | Facultative/Storage Lagoon |
| LG-011602     | Aerated Lagoon             |



